

1. Record Nr.	UNIBAS000008573
Autore	Mazzarino, Santo
Titolo	Fra Oriente e Occidente : ricerche di storia greca arcaica / Santo Mazzarino ; introduzione di Filippo Cassola
Pubbl/distr/stampa	Milano : Biblioteca Universale Rizzoli, c2000
ISBN	88-17-11859-1
Descrizione fisica	XIX, 467 p. ; 22 cm.
Collana	BUR , Saggi
Disciplina	938
Soggetti	Grecia antica Relazioni con l'Oriente Sec. 6. a.C
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910456731003321
Titolo	Handbook of cardiac stem cell therapy [[electronic resource] /] edited by Ioannis Dimarakis ... [et al.]
Pubbl/distr/stampa	London, : Imperial College Press, c2009
ISBN	1-282-44086-1 9786612440861 1-84816-257-X
Descrizione fisica	1 online resource (306 p.)
Altri autori (Persone)	DimarakisIoannis
Disciplina	616.1206 616/.02774
Soggetti	Heart - Diseases - Treatment Stem cells - Transplantation Stem cells Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>3. Embryonic Stem Cells and Their Therapeutic Potential Tomo Sari c, Shuhua Chen, Naidu Kamissetti, Marcel Halbach, Michael Xavier Doss, Johannes Winkler, Jurgen Hescheler and Agapios Sachinidis Embryonic Stem Cells; ES Cell-Derived Cardiomyocytes; Generation of cardiomyocytes from ES cells; Functional characteristics of ES cell-derived cardiomyocytes; Animal models of cardiomyocytes derived from ES cells; Other Animal Models for ES Cell-Based Therapeutics; Models for neural diseases; Models for therapy for type I diabetes mellitus; Animal models for liver and kidney regeneration</p> <p>Cell replacement therapy for other organ systems Barriers to Successful Use of ES Cell-Based Therapies; Ethical concerns; Safety concerns and purity; Rejection of allogeneic cells; Conclusions; References; 4.</p> <p>Umbilical Cord Blood Cells for Cardiac Repair Elad Maor, Arnon Nagler and Jonathan Leor; Introduction; Myocardial Infarction and Heart Failure; Myocardial Regeneration and Cell-Based Therapy; Problems with the Available Cell Sources; The Rationale for Using UCB Progenitor Cells for Myocardial Repair; Data from Animal Models; How Do Cord Blood Cells Repair Ischemic Tissue?</p> <p>Ex vivo Expansion Immunosuppression and Graft versus Host Disease; Summary; References; 5. Amniotic Stem Cells Paolo De Coppi, Anthony Atala and Saverio Sartore; Introduction; Amniocentesis; Differentiated Cells from Amniotic Fluid; Mesenchymal Stem Cells from Amniotic Fluid; Amniotic Fluid Stem Cells; Cell preparation and culture methods; Cell cloning; Telomerase activity; Differentiation potential induction of osteogenic phenotype; Induction of adipogenic lineage; Induction of myogenic phenotype; Induction of endothelial phenotype; Induction of hepatocytes phenotype</p> <p>Induction of neurogenic phenotype Clonal and proliferative analyses; Conclusion; References; 6. Stem Cell Homing to Injury in Cellular Cardiomyoplasty Adil Al Kindi, Dominique Shum-Tim and Ray Chu-Jeng Chiu; Introduction; The Prelude: Insights from Bone Marrow Transplantation; Animal Studies; The Signaling Molecules; Summary and Conclusions; References; 7. A Molecular Imaging Perspective on Cardiac Repair with Stem Cells Kishore Bhakoo; Introduction; Radionuclide Imaging; Optical Imaging; Ultrasound; MRI Imaging; Intracellular MRI Contrast Agents; MRI Tracking of Stem Cells in the Heart</p> <p>Multimodality</p>
Sommario/riassunto	This book is an impressive compilation of contributions on the hot topic of cardiac stem cell therapy from leading groups all over the world. In the assembly of chapters, a structured approach is adopted; starting from the clinician's perspective, all developments in both the experimental and clinical research areas are covered. This journey will take the reader from the bench-top to the bedside, with all chapters written by leading authorities in their respective fields, including data still in press with medical journals.